

**From:** [Young, Howard S.](#)  
**To:** [Sheldrake, Sean](#); [Zhen, Davis](#)  
**Cc:** [Scott Coffey](#); [Greazel, Andrew](#); [Trump, Julee M.](#)  
**Subject:** RE: Portland Harbor random stratified sediment sampling photos  
**Date:** Wednesday, April 11, 2018 2:43:10 PM

---

Sean and Davis,

I would like to clarify the highlighted text in this email. We are not asking that they change the minimum sample penetration from 10 cm to 20 cm but telling them EPA's expectation is that the 20 cm minimum penetration depth stated in the FSP sampling protocol be followed. Scott's emails to you earlier today regarding requests for info on the sampling depths and tracking information and Julee's communication with the field crew today should make it clear that 20 cm is EPA's expectation for surface sediment sampling.

Howard S. Young, LG | CDM Smith

14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007-6493

T: 425.519.8300 | Direct 425.519.8351 | Cell 206.491.4663 | [younghs@cdmsmith.com](mailto:younghs@cdmsmith.com) | [www.cdmsmith.com](http://www.cdmsmith.com)

---

**From:** Trump, Julee M.

**Sent:** Wednesday, April 11, 2018 1:30 PM

**To:** Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>

**Cc:** Coffey, Scott <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>; Young, Howard S. <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>; Greazel, Andrew <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>

**Subject:** Portland Harbor random stratified sediment sampling photos

Davis and Sean,

Find attached photos of activities today. This morning has been typical of other days, but AECOM/Geosyntec are focusing on locations that are suspected to have recovery >20 cm until further information is provided instruction is provided for the change of 10 cm minimum to 20 cm minimum. As requested by the CDM Smith task lead, I have communicated that EPA anticipates/requires the min 20 cm recovery discussed in the sample collection and processing section of the FSP.

1st photo: Sampling and decontamination activities.

2nd photo: Cayuse sampling on the east side.

3rd photo: Start of subsample PDI-SG-B113A with typical black sand. West-center RM 4.6

4th photo: Grab of subsample PDI-SB-B111A1-BL1 with typical sandy silt (trace sand) WEST RM 4.5

THANK you,

Julee

Sent from my Verizon, Samsung Galaxy smartphone